

Author index to volume 294

Adachi, J.-i., Y. Takata, N. Kosugi, E. Shigemasa, A. Yagishita and Y. Kitajima, Kinetic energy dependence of anisotropic yields of ionic fragmentations following S 1s excitations of SO_2 294 (1998) 559

Agmon, N. and E.B. Krissinel, Incoherent control of protein conformational state 294 (1998) 79

Ahlichrichs, R., see Weigend, F. 294 (1998) 143

Alcaraz, A., see Mafé, S. 294 (1998) 406

Alpert, B., see Haouz, A. 294 (1998) 197

Amoureaux, J.-P., see Pingel, U.-T. 294 (1998) 345

Amutha, R., see Subramanian, V. 294 (1998) 285

Anderson, D.T., see Krause, P.J. 294 (1998) 518

Andreoni, W., see Curioni, A. 294 (1998) 263

Andrés, J., see Oliva, M. 294 (1998) 87

Andrés, J., see Sambrano, J.R. 294 (1998) 1

Anupold, T., see Pingel, U.-T. 294 (1998) 345

Aogaki, R., see Nakabayashi, S. 294 (1998) 204

Asami, K., see Kometani, N. 294 (1998) 619

Asano, T. and H. Sumi, An experimental examination of Biswas–Bagchi's prediction on the viscosity dependence of the rate of activated barrier surmounting in viscous liquids 294 (1998) 493

Avron, J.E. and J. Berger, The Longuet-Higgins phase and charge transport in molecular rings 294 (1998) 13

Bach, M., R. Georges, M. Hepp and M. Herman, Slit-jet Fourier transform infrared spectroscopy in $^{12}\text{C}_2\text{H}_4$: cold and hot bands near 3000 cm^{-1} 294 (1998) 533

Bagus, P.S. and C. Wöll, Orientational effects in molecule–surface interactions: bonding directionality versus steric repulsion 294 (1998) 599

Bakker, B.L.G., D.H. Parker, G. Hancock and G.A.D. Ritchie, Two-photon dissociation of NO near 275 nm investigated by velocity map imaging 294 (1998) 565

Bakker, P., see Nagels, B. 294 (1998) 387

Bampos, N., see Thomas, P.J. 294 (1998) 229

Barford, W., see Bursill, R.J. 294 (1998) 305

Basch, H. and S. Hoz, Resonance in formamide: resolution of contending models 294 (1998) 117

Bauer, F., see Pingel, U.-T. 294 (1998) 345

Baumgärtel, H., see Boyle, K.J. 294 (1998) 507

Becker, J.A., see Hihara, T. 294 (1998) 357

Berger, J., see Avron, J.E. 294 (1998) 13

Berger, R., H.P. Lang, Ch. Gerber, J.K. Gimzewski, J.H. Fabian, L. Scandella, E. Meyer and H.-J. Güntherodt, Micromechanical thermogravimetry 294 (1998) 363

Bernier, P., see Kuhlmann, U. 294 (1998) 237

Berning, A., see Hübner, O. 294 (1998) 37

Berovic, N., see Thomas, P.J. 294 (1998) 229

Bifone, A., see La Penna, G. 294 (1998) 447

Bilger, C. and B. Pettinger, The SHG anisotropy pattern of a reconstructed gold(110) electrode 294 (1998) 425

Billing, G.D. and A. Kuppermann, On the geometric phase effect on tetra-atomic reactions: the $\text{OH} + \text{H}_2 \rightarrow \text{H}_2\text{O} + \text{H}$ reaction 294 (1998) 26

Biswas, N. and S. Umapathy, Partitioning of the total reorganization energy into its vibrational and solvent (inertial and reorientational) contributions using resonance Raman intensities 294 (1998) 181

Bittl, R., see Jeschke, G. 294 (1998) 323

Boero, M., see Curioni, A. 294 (1998) 263

Boese, A.D. and G.E. Scuseria, C_2 fragmentation energy of C_{60} revisited: theory disagrees with most experiments 294 (1998) 233

Bouheda, Y., see Ksenofontov, V. 294 (1998) 545

Boyle, K.J., D.P. Seccombe, R.P. Tuckett, H. Baumgärtel and H.W. Jochims, Vacuum–UV fluorescence spectroscopy of GeF_4 in the 10–25 eV range 294 (1998) 507

Brunetti, B., P. Candori, R. Ferramosche, S. Falcinelli, F. Vecchiocattivi, A. Sassara and M. Chergui, Penning ionization of C_{60} molecules 294 (1998) 584

Brüsweiler, R., see Fel'dman, E.B. 294 (1998) 297

Bucher, C.R. and K.K. Lehmann, vibrationally mediated photodissociation of HCN 294 (1998) 173

Buda, F., see La Penna, G. 294 (1998) 447

Bulthuis, J., see de Lange, M.J.L. 294 (1998) 332

Bursill, R.J., C. Castleton and W. Barford, Optimal parametrisation of the Pariser–Parr–Pople Model for benzene and biphenyl 294 (1998) 305

Cabaleiro-Lago, E.M. and M.A. Ríos, A cooperative mechanism as the main source of the marked structural differences between solid and gaseous $\text{HCN} \cdots \text{BF}_3$ 294 (1998) 272

Caminati, W., S. Melandri, A. Millemaggi and P.G. Favero, Rotational spectrum of the imidazole–argon complex 294 (1998) 377

Campbell, M.L., Kinetic study of gas-phase $\text{Y}(\text{a}^2\text{D}_{3/2})$ and $\text{La}(\text{a}^2\text{D}_{3/2})$ with O_2 , N_2O , CO_2 and NO 294 (1998) 339

Candori, P., see Brunetti, B. 294 (1998) 584

Canpolat, M., F.W. Starr, A. Scala, M.R. Sadr-Lahijany, O. Mishima, S. Havlin and H.E. Stanley, Local structural heterogeneities in liquid water under pressure 294 (1998) 9

Cao, G., Y. Seimiya, Y. Ohno and T. Matsushima, Reaction sites working in steady-state CO oxidation on a stepped Pt(113) surface 294 (1998) 419

Castleton, C., see Bursill, R.J. 294 (1998) 305

Chakraborty, D. and S. Manogaran, Vibrational analysis of glycine zwitterion – an ab initio study 294 (1998) 56

Chapovsky, P.L., see Nagels, B. 294 (1998) 387

Chen, J.M., R.S. Liu, M.J. Kramer, K.W. Dennis and R.W. McCallum, Soft X-ray absorption study of $(\text{Nd}_{1.05-x}\text{Pr}_x)\text{Ba}_{1.95}\text{Cu}_3\text{O}_7$ using synchrotron radiation 294 (1998) 209

Chen, Y.-C., see Chou, P.-T. 294 (1998) 579

Chergui, M., see Brunetti, B. 294 (1998) 584

Chou, P.-T., Y.-C. Chen and C.-Y. Wei, Photophysical properties of $(\text{O}_2(^1\Delta_g))^2$ in solution phase 294 (1998) 579

Chu, S.-I. and X.-M. Tong, Time-dependent approach to high-resolution spectroscopy: application to the photoabsorption spectrum of classically chaotic hydrogen atoms in magnetic fields	294 (1998) 31
Civalleri, B., E. Garrone and P. Ugliengo, Vibrational modes of isolated hydroxyls of silica computed ab initio in a cluster approach	294 (1998) 103
Clary, D.C., see Krause, P.J.	294 (1998) 518
Coriani, S., see Halkier, A.	294 (1998) 292
Crippa, P.R., see Murgida, D.H.	294 (1998) 538
Curioni, A., M. Boero and W. Andreoni, Alq_3 : ab initio calculations of its structural and electronic properties in neutral and charged states	294 (1998) 263
De Groot, H.J.M., see La Penna, G.	294 (1998) 447
De Kersabiec, A.-M., see Haouz, A.	294 (1998) 197
De Lange, M.J.L., J.J. van Leuken, M.M.J.E. Drabbel, J. Bulthuis, J.G. Snijders and S. Stolte, Direct spectroscopic determination of the degree of orientation of parity-selected NO	294 (1998) 332
Demtröder, W., see Platz, T.	294 (1998) 397
Dennis, K.W., see Chen, J.M.	294 (1998) 209
De Schryver, F.C., see Rommens, J.	294 (1998) 434
Desmarais, N., C. Jamorski, F.A. Reuse and S.N. Khanna, Atomic arrangements in Ni ₃ and Ni ₈ clusters	294 (1998) 480
De Sousa, A.R., see Sambrano, J.R.	294 (1998) 1
Dolg, M., see Shukla, A.	294 (1998) 126
Drabbel, M.M.J.E., see de Lange, M.J.L.	294 (1998) 332
Dreier, T., see Schneider-Kühnle, Y.	294 (1998) 191
Edman, L., S. Wennmalm, F. Tamsen and R. Rigler, Corrigendum to "Heterogeneity in single DNA conformational fluctuations". [Chem. Phys. Lett. 292 (1998) 15–21]	294 (1998) 625
Epple, M., see Kuhnke, K.	294 (1998) 241
Ernst, H., see Pingel, U.-T.	294 (1998) 345
Ernst, R.R., see Fel'dman, E.B.	294 (1998) 297
Erra Balsells, R., see Murgida, D.H.	294 (1998) 538
Fabian, J.H., see Berger, R.	294 (1998) 363
Falcinelli, S., see Brunetti, B.	294 (1998) 584
Fan, L., Y. Li, F. Li, Y. Li and D. Zhu, Positive shifts of the C ₆₀ reduction potentials by introducing cyano groups	294 (1998) 443
Fanourgakis, G.S., see Froudakis, G.E.	294 (1998) 109
Farantos, S.C., see Froudakis, G.E.	294 (1998) 109
Favero, P.G., see Caminati, W.	294 (1998) 377
Fel'dman, E.B., R. Brüschweiler and R.R. Ernst, From regular to erratic quantum dynamics in long spin 1/2 chains with an XY Hamiltonian	294 (1998) 297
Fernandez, C., see Pingel, U.-T.	294 (1998) 345
Ferramosche, R., see Brunetti, B.	294 (1998) 584
Finlayson, B.A., see Scovell, D.L.	294 (1998) 255
Francisco, J.S., The structure and heat of formation of the CH ₃ OCH ₂ O radical	294 (1998) 319
Freude, D., see Pingel, U.-T.	294 (1998) 345
Freund, H.-J., see Klüner, T.	294 (1998) 413

Froudakis, G.E., G.S. Fanourgakis, S.C. Farantos and S.S. Xantheas, Binding energies and structures of C^+Ar_n ($n = 1-5$), clusters from first principles	294 (1998) 109
Fujisawa, J., Y. Ohba and S. Yamauchi, Pulsed and cw-time-resolved EPR studies of photoinduced electron transfer between zinc(II) porphyrin and fullerene	294 (1998) 248
Fukazawa, H., S. Mae, S. Ikeda and O. Watanabe, Proton ordering in Antarctic ice observed by Raman and neutron scattering	294 (1998) 554
Garrone, E., see Civalleri, B.	294 (1998) 103
Georges, R., see Bach, M.	294 (1998) 533
Gerber, Ch., see Berger, R.	294 (1998) 363
Gerhards, M., S. Schumm, C. Unterberg and K. Kleinermanns, Structure and vibrations of catechol in the S_1 state and ionic ground state	294 (1998) 65
Gimzewski, J.K., see Berger, R.	294 (1998) 363
Guilhéry, N., see Miguel, B.	294 (1998) 49
Güntherodt, H.-J., see Berger, R.	294 (1998) 363
Gütlich, P., see Ksenofontov, V.	294 (1998) 545
Halkier, A., S. Coriani and P. Jørgensen, The molecular electric quadrupole moment of N_2	294 (1998) 292
Halpern, J.B., see Rudert, A.D.	294 (1998) 381
Hancock, G., see Bakker, B.L.G.	294 (1998) 565
Haouz, A., C. Twist, C. Zentz, A.-M. de Kersabie, S. Pin and B. Alpert, Förster energy transfer from tryptophan to flavin in glucose oxidase enzyme	294 (1998) 197
Häser, M., see Weigend, F.	294 (1998) 143
Havlin, S., see Canpolat, M.	294 (1998) 9
Hayakawa, F., see Negishi, Y.	294 (1998) 370
Hepp, M., F. Herregods and M. Herman, Fourier transform infrared jet spectroscopy using a heated slit source	294 (1998) 528
Hepp, M., see Bach, M.	294 (1998) 533
Herman, M., see Bach, M.	294 (1998) 533
Herman, M., see Hepp, M.	294 (1998) 528
Hermans, L.J.F., see Nagels, B.	294 (1998) 387
Herregods, F., see Hepp, M.	294 (1998) 528
Hihara, T., S. Pokrant and J.A. Becker, Magnetic moments and chemical bonding in isolated Bi_NCo_M clusters	294 (1998) 357
Hishikawa, A., see Sako, T.	294 (1998) 571
Houjou, H., K. Koyama, M. Wada, K. Sameshima, Y. Inoue and M. Sakurai, Effects of the protein electrostatic environment on the absorption maximum of bacteriorhodopsin	294 (1998) 162
Hoz, S., see Basch, H.	294 (1998) 117
Hübner, O., V. Termath, A. Berning and J. Sauer, A CASSCF/ACPF study of spectroscopic properties of FeS and FeS^- and the photoelectron spectrum of FeS^-	294 (1998) 37
Ikeda, S., see Fukazawa, H.	294 (1998) 554
Illas, F., see Lopez, N.	294 (1998) 611
Inokuma, K., see Nakabayashi, S.	294 (1998) 204
Inoue, Y., see Houjou, H.	294 (1998) 162
Jamorski, C., see Desmarais, N.	294 (1998) 480
Jantoljak, H., see Kuhlmann, U.	294 (1998) 237

Jeschke, G. and R. Bittl, Electron spin echo envelope modulation by electronic spin–spin interactions in radical pairs undergoing electron transfer 294 (1998) 323

Jochims, H.W., see Boyle, K.J. 294 (1998) 507

Jørgensen, P., see Halkier, A. 294 (1998) 292

Journet, C., see Kuhlmann, U. 294 (1998) 237

Kahn, O., see Ksenofontov, V. 294 (1998) 545

Kajimoto, O., see Kometani, N. 294 (1998) 619

Kashihara, S., see Nagamura, T. 294 (1998) 167

Kasuya, A., see Saito, Y. 294 (1998) 593

Kato, M., Y. Nanba and Y. Taniguchi, Erratum to: "Effect of water and deuterated water on Raman spectra of chloroacetone: evidence for the conformational effect on hydration". [Chem. Phys. Lett. 289 (1998) 30–34] 294 (1998) 626

Kawai, H., see Nagamura, T. 294 (1998) 167

Kawamata, H., see Negishi, Y. 294 (1998) 370

Kaya, K., see Negishi, Y. 294 (1998) 370

Kern, K., see Kuhnke, K. 294 (1998) 241

Khanna, S.N., see Desmarais, N. 294 (1998) 480

Kitajima, Y., see Adachi, J.-i. 294 (1998) 559

Kleinermanns, K., see Gerhards, M. 294 (1998) 65

Klüner, T., S. Thiel, H.-J. Freund and V. Staemmler, The vibrational excitation of NO desorbing from NiO(100) after UV laser irradiation: is NO⁺ a possible intermediate species? 294 (1998) 413

Kometani, N., H. Nakajima, K. Asami, Y. Yonezawa and O. Kajimoto, Excited-state dynamics of the mixed J-aggregate of two kinds of cyanine dyes in layer-by-layer alternate assemblies 294 (1998) 619

Kornweitz, H. and R.D. Levine, Formation of molecular iodine in high-energy four-center CH₃I + CH₃I collisions 294 (1998) 153

Kosugi, N., see Adachi, J.-i. 294 (1998) 559

Koyama, K., see Houjou, H. 294 (1998) 162

Kozlov, A.A., see Tameev, A.R. 294 (1998) 605

Kramer, M.J., see Chen, J.M. 294 (1998) 209

Krastev, I., see Nakabayashi, S. 294 (1998) 204

Krause, P.J., D.C. Clary, D.T. Anderson, M.W. Todd, R.L. Schwartz and M.I. Lester, Time-resolved dissociation of the H₂–OH entrance channel complex 294 (1998) 518

Krawczyk, S., Excited states and electrochromism of radical cation of the carotenoid astaxanthin 294 (1998) 351

Kremer, K., see Mooney, D.A. 294 (1998) 135

Krishnan, V., see Sen, A. 294 (1998) 499

Krissinel, E.B., see Agmon, N. 294 (1998) 79

Ksenofontov, V., G. Lechenko, H. Spiering, P. Gütlich, J.-F. Létard, Y. Bouhedja and O. Kahn, Spin crossover behavior under pressure of Fe(PM-L)₂(NCS)₂ compounds with substituted 2'-pyridylmethylene 4-anilino ligands 294 (1998) 545

Kubo, S., see Yoshioka, Y. 294 (1998) 459

Kuhlmann, U., H. Jantoljak, N. Pfänder, P. Bernier, C. Journet and C. Thomsen, Infrared active phonons in single-walled carbon nanotubes 294 (1998) 237

Kuhnke, K., M. Epple and K. Kern, Second-harmonic spectroscopy of fullerenes 294 (1998) 241

Kuppermann, A., see Billing, G.D. 294 (1998) 26

Laitenberger, P., see Thomas, P.J. 294 (1998) 229

Lang, H.P., see Berger, R. 294 (1998) 363

La Penna, G., F. Buda, A. Bifone and H.J.M. de Groot, The transition state in the isomerization of rhodopsin 294 (1998) 447

Lehmann, K.K., see Bucher, C.R. 294 (1998) 173

Lester, M.I., see Krause, P.J. 294 (1998) 518

Létard, J.-F., see Ksenofontov, V. 294 (1998) 545

Levchenko, G., see Ksenofontov, V. 294 (1998) 545

Levine, R.D., see Kornweitz, H. 294 (1998) 153

Li, F., see Fan, L. 294 (1998) 443

Li, Y., see Fan, L. 294 (1998) 443

Li, Y., see Fan, L. 294 (1998) 443

Liu, R.S., see Chen, J.M. 294 (1998) 209

Longo, E., see Sambrano, J.R. 294 (1998) 1

Lopez, N., G. Pacchioni, F. Maseras and F. Illas, Hybrid quantum-mechanical and molecular mechanics study of Cu atoms deposition on SiO_2 surface defects 294 (1998) 611

Lüder, Ch. and K.H. Meiwes-Broer, Electron detachment energies of $\text{Pb}_N^- (N = 24-204)$ determined in a simple magnetic bottle photoelectron spectrometer 294 (1998) 391

Mae, S., see Fukazawa, H. 294 (1998) 554

Mafé, S., P. Ramírez and A. Alcaraz, Electric field-assisted proton transfer and water dissociation at the junction of a fixed-charge bipolar membrane 294 (1998) 406

Malrieu, J.P., see Miguel, B. 294 (1998) 49

Manogaran, S., see Chakraborty, D. 294 (1998) 56

Marcus, A.H., see Tam, M.C.-M. 294 (1998) 217

Martin, J., see Rudert, A.D. 294 (1998) 381

Maseras, F., see Lopez, N. 294 (1998) 611

Matsushima, T., see Cao, G. 294 (1998) 419

May, V., see Petrov, E.G. 294 (1998) 19

McCallum, R.W., see Chen, J.M. 294 (1998) 209

McCourt, F.R.W., see Naumkin, F.Y. 294 (1998) 71

Meiwes-Broer, K.H., see Lüder, Ch. 294 (1998) 391

Melandri, S., see Caminati, W. 294 (1998) 377

Meyer, E., see Berger, R. 294 (1998) 363

Miguel, B., N. Guihéry, J.P. Malrieu and P. Wind, Study of infinite polyacetylene from a Heisenberg Hamiltonian: dimerization and lowest excitation energies 294 (1998) 49

Millemaggi, A., see Caminati, W. 294 (1998) 377

Mishima, O., see Canpolat, M. 294 (1998) 9

Mitsushima, K., see Saito, Y. 294 (1998) 593

Miyagawa, N., see Saito, Y. 294 (1998) 593

Monnerville, M. and B. Pouilly, First quantum investigation of the photodissociation of the Ar-HBr complex: three-dimensional time-dependent approach 294 (1998) 473

Montgomery Jr., H.E., Two-electron wavefunctions. Fourteenth-order expectation values 294 (1998) 468

Mooney, D.A., F. Müller-Plathe and K. Kremer, Simulation studies for liquid phenol: properties evaluated and tested over a range of temperatures 294 (1998) 135

Moscárdó, F. and J.C. Sancho-García, Exchange and correlation Kohn-Sham functionals for the helium atom: locality and homogeneity 294 (1998) 314

Müller-Plathe, F., see Mooney, D.A. 294 (1998) 135

Murgida, D.H., R. Erra Balsells, P.R. Crippa and C. Viappiani, Type I photosensitized reactions of oxopurines. Kinetics and thermodynamics of the reaction with triplet benzophenone by time-resolved photoacoustic spectroscopy 294 (1998) 538

Nagamura, T., S. Kashihara and H. Kawai, First intramolecular charge resonance band observed at room temperature in solution by steady photolysis of 1,3-bis(4-(4-nitrostyryl)pyridinium)propane tetraphenylborate 294 (1998) 167

Nagels, B., P. Bakker, L.J.F. Hermans and P.L. Chrapovsky, Violation of nuclear-spin symmetry in collisions of symmetric tops 294 (1998) 387

Nakabayashi, S., I. Krastev, R. Aogaki and K. Inokuma, Electrochemical instability of Ag/Sb co-deposition coupled with a magnetohydrodynamic flow 294 (1998) 204

Nakajima, A., see Negishi, Y. 294 (1998) 370

Nakajima, H., see Kometani, N. 294 (1998) 619

Nanba, Y., see Kato, M. 294 (1998) 626

Naumkin, F.Y. and F.R.W. McCourt, Ab initio-based potential energy surfaces and predicted microwave spectra of the Ar-I₂(X¹Σ_g⁺) Van der Waals complex 294 (1998) 71

Neal, M.P. and A.J. Parker, Computer simulations using a longitudinal quadrupolar Gay-Berne model: effect of the quadrupole magnitude on the formation of the smectic phase 294 (1998) 277

Negishi, Y., H. Kawamata, F. Hayakawa, A. Nakajima and K. Kaya, The infrared HOMO-LUMO gap of germanium clusters 294 (1998) 370

Newsom, K.A. and S.D. Price, Intramolecular isotope effects in the bond-forming reaction of CF₂²⁺ with HD 294 (1998) 223

Nishina, Y., see Saito, Y. 294 (1998) 593

Nitta, T., see Takahashi, H. 294 (1998) 95

Ohba, Y., see Fujisawa, J. 294 (1998) 248

Ohno, Y., see Cao, G. 294 (1998) 419

Oliva, M., V.S. Safont, J. Andrés and O. Tapia, Molecular mechanism for oxygenation pathway in Rubisco. Mapping transition structures and intermediates for model compounds of the substrate system 294 (1998) 87

Pacchioni, G., see Lopez, N. 294 (1998) 611

Padmanabhan, J., see Subramanian, V. 294 (1998) 285

Palmer, R.E., see Thomas, P.J. 294 (1998) 229

Pancheshnyi, S.V., S.M. Starikovskaia and A.Y. Starikovskii, Measurements of rate constants of the N₂(C³Π_u, v' = 0) and N₂⁺(B²Σ_u⁺, v' = 0) deactivation by N₂, O₂, H₂, CO and H₂O molecules in afterglow of the nanosecond discharge 294 (1998) 523

Parker, A.J., see Neal, M.P. 294 (1998) 277

Parker, D.H., see Bakker, B.L.G. 294 (1998) 565

Patzelt, H., see Weigend, F. 294 (1998) 143

Petrov, E.G., I.S. Tolokh and V. May, Blocking of bridge-mediated electron transfer by an external magnetic field 294 (1998) 19

Pettinger, B., see Bilger, C. 294 (1998) 425

Pfänder, N., see Kuhlmann, U. 294 (1998) 237

Pin, S., see Haouz, A. 294 (1998) 197

Pingel, U.-T., J.-P. Amoureux, T. Anupold, F. Bauer, H. Ernst, C. Fernandez, D. Freude and A. Samoson, High-field ¹⁷O NMR studies of the SiOAl bond in solids 294 (1998) 345

Pinkerton, T.D., see Scovell, D.L.	294 (1998) 255
Platz, T. and W. Demtröder, Sub-Doppler optothermal overtone spectroscopy of ethylene and dichloroethylene	294 (1998) 397
Pokrant, S., see Hihara, T.	294 (1998) 357
Pouilly, B., see Monnerville, M.	294 (1998) 473
Price, S.D., see Newson, K.A.	294 (1998) 223
Queralt, J.J., see Sambrano, J.R.	294 (1998) 1
Ramasami, T., see Subramanian, V.	294 (1998) 285
Ramírez, P., see Mafé, S.	294 (1998) 406
Reuse, F.A., see Desmarais, N.	294 (1998) 480
Ricca, A., Heats of formation for NF_n ($n = 1-3$) and NF_n^+ ($n = 1-3$)	294 (1998) 454
Rice, S.A., see Tam, M.C.-M.	294 (1998) 217
Rigler, R., see Edman, L.	294 (1998) 625
Ríos, M.A., see Cabaleiro-Lago, E.M.	294 (1998) 272
Ritchie, G.A.D., see Bakker, B.L.G.	294 (1998) 565
Rommens, J., M. Van der Auweraer and F.C. De Schryver, Sensitized photocurrents in molecular dispersions of 5'-[4-[bis(4-ethylphenyl)amino]phenyl]-N,N,N',N'-tetrakis(4-ethylphenyl)-[1,1':3',1"-terphenyl]-4,4"-diamine	294 (1998) 434
Rudert, A.D., J. Martin, H. Zacharias and J.B. Halpern, Controlling molecular angular momentum orientation by Raman pumping and optical ac Stark effect	294 (1998) 381
Sadr-Lahijany, M.R., see Canpolat, M.	294 (1998) 9
Safont, V.S., see Oliva, M.	294 (1998) 87
Saito, I., see Yoshioka, Y.	294 (1998) 459
Saito, Y., Y. Tani, N. Miyagawa, K. Mitsushima, A. Kasuya and Y. Nishina, High yield of single-wall carbon nanotubes by arc discharge using Rh-Pt mixed catalysts	294 (1998) 593
Sako, T., A. Hishikawa and K. Yamanouchi, Vibrational propensity in the predissociation rate of $\text{SO}_2(\tilde{\text{C}}^1\text{B}_2)$ by two types of nodal patterns in vibrational wavefunctions	294 (1998) 571
Sakurai, M., see Houjou, H.	294 (1998) 162
Sambrano, J.R., A.R. de Sousa, J.J. Queralt, J. Andrés and E. Longo, A theoretical analysis on the intramolecular proton transfer of α -alanine in an aqueous medium	294 (1998) 1
Sameshima, K., see Houjou, H.	294 (1998) 162
Samoson, A., see Pingel, U.-T.	294 (1998) 345
Sancho-García, J.C., see Moscardó, F.	294 (1998) 314
Sanders, J.K.M., see Thomas, P.J.	294 (1998) 229
Sassara, A., see Brunetti, B.	294 (1998) 584
Sauer, J., see Hübner, O.	294 (1998) 37
Scala, A., see Canpolat, M.	294 (1998) 9
Scandella, L., see Berger, R.	294 (1998) 363
Schneider-Kühnle, Y., T. Dreier and J. Wolfrum, Vibrational relaxation and energy transfer in the hydrogen system at temperatures between 110 and 300 K	294 (1998) 191
Schumm, S., see Gerhards, M.	294 (1998) 65
Schwartz, R.L., see Krause, P.J.	294 (1998) 518
Scovell, D.L., T.D. Pinkerton, B.A. Finlayson and E.M. Stuve, The dielectric response of water in high electric fields: equilibrium water thickness and the field distribution	294 (1998) 255

Scuseria, G.E., see Boese, A.D. 294 (1998) 233
 Seccombe, D.P., see Boyle, K.J. 294 (1998) 507
 Seimiya, Y., see Cao, G. 294 (1998) 419
 Sen, A. and V. Krishnan, Novel covalently linked porphyrin dimers for controlled intramolecular energy transfer 294 (1998) 499
 Shigemasa, E., see Adachi, J.-i. 294 (1998) 559
 Shukla, A., M. Dolg and H. Stoll, A Wannier-function-based ab initio Hartree-Fock study of polyethylene 294 (1998) 126
 Sivanesan, D., see Subramanian, V. 294 (1998) 285
 Snijders, J.G., see de Lange, M.J.L. 294 (1998) 332
 Spiering, H., see Ksenofontov, V. 294 (1998) 545
 Staemmler, V., see Klüner, T. 294 (1998) 413
 Stanley, H.E., see Canpolat, M. 294 (1998) 9
 Starikovskaia, S.M., see Pancheshnyi, S.V. 294 (1998) 523
 Starikovskii, A.Y., see Pancheshnyi, S.V. 294 (1998) 523
 Starr, F.W., see Canpolat, M. 294 (1998) 9
 Stoll, H., see Shukla, A. 294 (1998) 126
 Stolte, S., see de Lange, M.J.L. 294 (1998) 332
 Stuve, E.M., see Scovell, D.L. 294 (1998) 255
 Subramanian, V., D. Sivanesan, R. Amutha, J. Padmanabhan and T. Ramasami, Hardness profile of interaction of H-F with He, Ne and Ar: a density functional and MP2 calculation 294 (1998) 285
 Sumi, H., see Asano, T. 294 (1998) 493

 Takahashi, H., T. Wakabayashi and T. Nitta, A wavepacket analysis of the statistical behaviour of molecules that penetrate a slit-shaped micropore 294 (1998) 95
 Takata, Y., see Adachi, J.-i. 294 (1998) 559
 Tam, M.C.-M., S.A. Rice and A.H. Marcus, Unusual structure in a quasi-two-dimensional binary colloid fluid 294 (1998) 217
 Tameev, A.R., A.A. Kozlov and A.V. Vannikov, Influence of transport site alignment on electron and hole mobilities in polymer films 294 (1998) 605
 Tamsen, F., see Edman, L. 294 (1998) 625
 Tani, Y., see Saito, Y. 294 (1998) 593
 Taniguchi, Y., see Kato, M. 294 (1998) 626
 Tapia, O., see Oliva, M. 294 (1998) 87
 Termath, V., see Hübner, O. 294 (1998) 37
 Thiel, S., see Klüner, T. 294 (1998) 413
 Thomas, P.J., N. Berovic, P. Laitenberger, R.E. Palmer, N. Bampas and J.K.M. Sanders, Room temperature manipulation of self-organised supramolecular nanostructures with a scanning tunnelling microscope 294 (1998) 229
 Thomsen, C., see Kuhlmann, U. 294 (1998) 237
 Todd, M.W., see Krause, P.J. 294 (1998) 518
 Tolokh, I.S., see Petrov, E.G. 294 (1998) 19
 Tong, X.-M., see Chu, S.-I. 294 (1998) 31
 Truhlar, D.G., Basis-set extrapolation 294 (1998) 45
 Tuckett, R.P., see Boyle, K.J. 294 (1998) 507
 Twist, C., see Haouz, A. 294 (1998) 197

Ugliengo, P., see Civalleri, B.	294 (1998) 103
Umapathy, S., see Biswas, N.	294 (1998) 181
Unterberg, C., see Gerhards, M.	294 (1998) 65
Van der Auweraer, M., see Rommens, J.	294 (1998) 434
Van Leuken, J.J., see de Lange, M.J.L.	294 (1998) 332
Vannikov, A.V., see Tameev, A.R.	294 (1998) 605
Vecchiocattivi, F., see Brunetti, B.	294 (1998) 584
Viappiani, C., see Murgida, D.H.	294 (1998) 538
Wada, M., see Houjou, H.	294 (1998) 162
Wakabayashi, T., see Takahashi, H.	294 (1998) 95
Wales, D.J., Erratum to "Symmetry, near-symmetry and energetics" [Chem. Phys. Lett. 285 (1998) 330]	294 (1998) 262
Watanabe, O., see Fukazawa, H.	294 (1998) 554
Wei, C.-Y., see Chou, P.-T.	294 (1998) 579
Weigend, F., M. Häser, H. Patzelt and R. Ahlrichs, RI-MP2: optimized auxiliary basis sets and demonstration of efficiency	294 (1998) 143
Wennmalm, S., see Edman, L.	294 (1998) 625
Wheatley, R.J., An overlap model for exchange-induction: application to alkali halides	294 (1998) 487
Wind, P., see Miguel, B.	294 (1998) 49
Wolfrum, J., see Schneider-Kühnle, Y.	294 (1998) 191
Wöll, C., see Bagus, P.S.	294 (1998) 599
Xantheas, S.S., see Froudakis, G.E.	294 (1998) 109
Yagishita, A., see Adachi, J.-i.	294 (1998) 559
Yamaguchi, K., see Yoshioka, Y.	294 (1998) 459
Yamanouchi, K., see Sako, T.	294 (1998) 571
Yamauchi, S., see Fujisawa, J.	294 (1998) 248
Yonezawa, Y., see Kometani, N.	294 (1998) 619
Yoshioka, Y., S. Kubo, K. Yamaguchi and I. Saito, An ab initio molecular orbital study of a binuclear dioxygen complex as a model of the binuclear active site in cytochrome <i>c</i> oxidase	294 (1998) 459
Zacharias, H., see Rudert, A.D.	294 (1998) 381
Zentz, C., see Haouz, A.	294 (1998) 197
Zhu, D., see Fan, L.	294 (1998) 443

